

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061821\
 Data File : BN014945.D
 Acq On : 17 Jun 2021 17:14
 Operator : CG/JU
 Sample : SST08056
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SST080056

Manual Integrations
 APPROVED

mohammad
 6/18/2021 1:04:14 PM

Quant Time: Jun 17 17:55:54 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061821MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 17 16:39:59 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.746	152	153238	20.00	ng/ul	0.00
20) Naphthalene-d8	10.516	136	638939	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.369	164	388471	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.122	188	749884	20.00	ng/ul	0.00
79) Chrysene-d12	21.322	240	694563	20.00	ng/ul	0.00
88) Perylene-d12	23.580	264	721812	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	126974	44.06	ng/uL	0.00
4) Pyridine-d5	3.681	84	869067	129.65	ng/ul	0.00
7) Phenol-d5	6.911	99	1074132	93.58	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.087	67	621878	114.36	ng/ul	0.00
11) 2-Chlorophenol-d4	7.281	132	839579	95.40	ng/ul	0.00
15) 4-Methylphenol-d8	8.446	113	835930	85.46	ng/ul	0.01
21) Nitrobenzene-d5	8.893	128	402205	83.89	ng/ul	0.00
24) 2-Nitrophenol-d4	9.605	143	389434	71.62	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.140	165	799985	73.07	ng/ul	0.00
31) 4-Chloroaniline-d4	10.652	131	1138481	87.81	ng/ul	0.00
46) Dimethylphthalate-d6	13.787	166	2122061	68.71	ng/ul	0.00
49) Acenaphthylene-d8	14.063	160	2744509	81.31	ng/ul	0.00
54) 4-Nitrophenol-d4	14.569	143	403626	93.04	ng/ul	0.02
60) Fluorene-d10	15.369	176	1820945	72.28	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.487	200	288785	64.43	ng/ul	0.01
73) Anthracene-d10	17.222	188	2739868	80.73	ng/ul	0.00
81) Pyrene-d10	19.522	212	2875208	89.75	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.445	264	2955249	81.92	ng/ul	0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.328	88	128801	40.07	ng/uL	94
5) Pyridine	3.699	79	889346	127.92	ng/ul	98
6) Benzaldehyde	6.893	77	494286	85.68	ng/ul	99
8) Phenol	6.940	94	1081353	94.95	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.175	93	851915	99.13	ng/ul	98
12) 2-Chlorophenol	7.311	128	840947	89.94	ng/ul	99
13) 2-Methylphenol	8.175	108	826204	91.60	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.275	45	1100557	196.82	ng/ul	99
16) Acetophenone	8.558	105	1217754	77.37	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.558	70	606388	81.51	ng/ul	98
18) 4-Methylphenol	8.510	108	867817	89.43	ng/ul	99
19) Hexachloroethane	8.816	117	341835	70.46	ng/ul	94
22) Nitrobenzene	8.934	77	915657	71.60	ng/ul	97
23) Isophorone	9.463	82	1754986	76.08	ng/ul	100
25) 2-Nitrophenol	9.640	139	421746	76.60	ng/ul	97
26) 2,4-Dimethylphenol	9.699	107	922685	62.31	ng/ul	95
27) Bis(2-Chloroethoxy)met...	9.940	93	1094513	86.76	ng/ul	98
29) 2,4-Dichlorophenol	10.163	162	763968	73.39	ng/ul	99
30) Naphthalene	10.569	128	2582441	80.54	ng/ul	99
32) 4-Chloroaniline	10.675	127	1118434	87.37	ng/ul	99
33) Hexachlorobutadiene	10.863	225	455645	44.38	ng/ul	95
34) Caprolactam	11.446	113	256498m	79.80	ng/ul	
35) 4-Chloro-3-methylphenol	11.799	107	831399	61.54	ng/ul	99
36) 2-Methylnaphthalene	12.181	142	1801294	76.61	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.404	142	1770407	74.58	ng/ul	94
39) 1,2,4,5-Tetrachloroben...	12.551	216	853259	63.20	ng/ul	97
40) Hexachlorocyclopentadiene	12.540	237	496490	49.61	ng/ul	99
41) 2,4,6-Trichlorophenol	12.793	196	553516	70.66	ng/ul	98
42) 2,4,5-Trichlorophenol	12.863	196	611604	70.99	ng/ul	92
43) 1,1'-Biphenyl	13.204	154	2180420	81.71	ng/ul	98
44) 2-Chloronaphthalene	13.240	162	1700537	79.79	ng/ul	99
45) 2-Nitroaniline	13.446	65	495594	79.41	ng/ul	94
47) Dimethylphthalate	13.840	163	2035125	69.92	ng/ul	99
48) 2,6-Dinitrotoluene	13.951	165	438492	77.76	ng/ul	91
50) Acenaphthylene	14.093	152	2561072	83.66	ng/ul	99
51) 3-Nitroaniline	14.275	138	430067	92.22	ng/ul	90
52) Acenaphthene	14.434	153	1771301	77.89	ng/ul	99
53) 2,4-Dinitrophenol	14.475	184	186508	59.99	ng/ul	96
55) 4-Nitrophenol	14.581	109	285177	39.40	ng/ul	98
56) Dibenzofuran	14.775	168	2502671	75.54	ng/ul	99
57) 2,4-Dinitrotoluene	14.734	165	602969	69.04	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.998	232	469961	57.77	ng/ul	96
59) Diethylphthalate	15.210	149	2083473	70.44	ng/ul	100
61) Fluorene	15.422	166	1840464	69.47	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.428	204	875947	59.47	ng/ul	98
63) 4-Nitroaniline	15.440	138	382003	83.20	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.498	198	287646	65.75	ng/ul	96
67) N-Nitrosodiphenylamine	15.634	169	1724415	88.59	ng/ul	99
68) 4-Bromophenyl-phenylether	16.316	248	600404	66.65	ng/ul	100
69) Hexachlorobenzene	16.428	284	660416	56.61	ng/ul	98
70) Atrazine	16.592	200	614323	69.76	ng/ul	97
71) Pentachlorophenol	16.763	266	367258	64.26	ng/ul	98
72) Phenanthrene	17.163	178	3031296	80.77	ng/ul	99
74) Anthracene	17.251	178	3111534	82.17	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.163	216	871871	76.56	ng/uL	95
76) Pentachlorobenzene	14.693	250	837028	66.77	ng/uL	97
77) Carbazole	17.522	167	2878403	90.95	ng/ul	98
78) Di-n-butylphthalate	18.104	149	3520476	89.15	ng/ul	99
80) Fluoranthene	19.181	202	3495134	94.94	ng/ul	99
82) Pyrene	19.551	202	3561209	91.21	ng/ul	99
83) Butylbenzylphthalate	20.469	149	1515423	105.32	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.239	252	1177825	92.53	ng/ul	98
85) Benzo(a)anthracene	21.304	228	3332751	81.92	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.263	149	2256291	106.44	ng/ul	98
87) Chrysene	21.357	228	3256041	80.76	ng/ul	98
89) Di-n-octyl phthalate	22.151	149	3925110	104.15	ng/ul	100
90) Benzo(b)fluoranthene	22.904	252	3497921	83.40	ng/ul	99
91) Benzo(k)fluoranthene	22.951	252	3499305	84.87	ng/ul	98
93) Benzo(a)pyrene	23.492	252	3152386	82.76	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.863	276	3985646	81.23	ng/ul	96
95) Dibenzo(a,h)anthracene	25.886	278	3344740	83.29	ng/ul	97
96) Benzo(g,h,i)perylene	26.562	276	3488222	80.95	ng/ul	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

